



Glasses CM-G 15"

7 620 310 072



BOSCH

en Operating instructions

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Important information

Before using the device, please read these instructions carefully and familiarize yourself with the device. Keep these instructions in your vehicle for later reference.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Agreed product use

The device has been designed for operation in a commercial vehicle with a 24 V electrical system. The device must not be operated in any other environment or in an intended environment that is compromised e.g. by damage or malfunction.

CE approval

The Glasses CM-G 15" has been tested according to the regulatory requirements of the European Union (EU) in accordance with the 2014/30/EU standard, and meets all the requirements for the CE label. The complete text of the EU Declaration of Conformity is available at this internet address: www.bosch-professional-systems.com

Hereby, Robert Bosch GmbH declares that the product Glasses CM-G 15" is in compliance with the relevant statutory requirements. The full text of the Declaration of Conformity is available at the following internet address: www.bosch-professional-systems.com

Specific to US:

The users manual or instruction manual for an intentional or unintentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules [and with RSS-GEN of Industry Canada].

Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications made to this equipment not expressly approved by (manufacturer name) may void the authorization to operate this equipment.

Responsible Party – U.S. Contact Information:

Robert Bosch LLC
15000 Haggerty Road
Plymouth, MI 48170



Road safety

Make sure that your ability to drive is not impaired and your vision is not blocked by the device or the wiring connected to it.



Risk of electrical shock or fire

If you disassemble the device, it might result in electrical shock or fire. Do not open the device.



Malfunctions

Do not use the device if you notice any malfunctions such as poor video quality. Continued use of a malfunctioning system may result in accidents, fire or electrical shock.



Device damage

In case of fuse replacement: Disconnect the power supply first to avoid damage to the device.

Installation notes



Important note:

The installation of the monitor requires the adapter cable 7 620 280 125 (to be obtained separately).



Note:

Please also observe the information given in the device drawings at the end of this document.

Please observe the following installation notes:

- ▶ Do not exert external force onto the frame and visible surface of the LCD.
- ▶ Do not exceed the maximum length of the device's supply cables.
- ▶ The device's supply cable must provide a minimum cross sectional area of 1.65 mm².
- ▶ Observe the minimum bending radius of the device's supply cables.
- ▶ Ensure that the device's supply cables are protected against sharp edges.
- ▶ Mount the device or its holder respectively only to a stiff surface with enough stability for the system.
- ▶ Only use suitable screws and washers for mounting the device to the holder.
- ▶ Observe the required thread reach and torque.
- ▶ Air convection and ventilation must be ensured. Do not cover the ventilation holes.

Switching on/off

The device is automatically switched on or off by the Coach Infotainment system of your Vehicle.

Settings

The monitor provides setting options (via Center CM-C 19) for:

- ▶ Brightness
- ▶ Contrast
- ▶ Gamma correction
- ▶ Aspect ratio (3 modes for autoscaling of 16:9 and 4:3 picture sources)
- ▶ Reset to factory settings



Note:

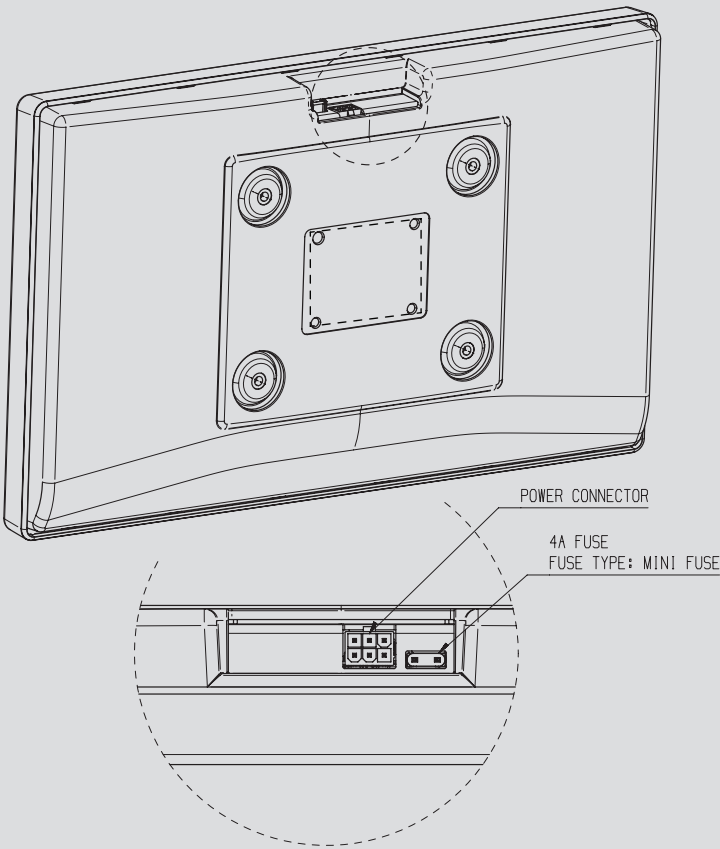
Please refer to the user manual of the Center CM-C 19 for information about making settings for the connected monitor


Technical data

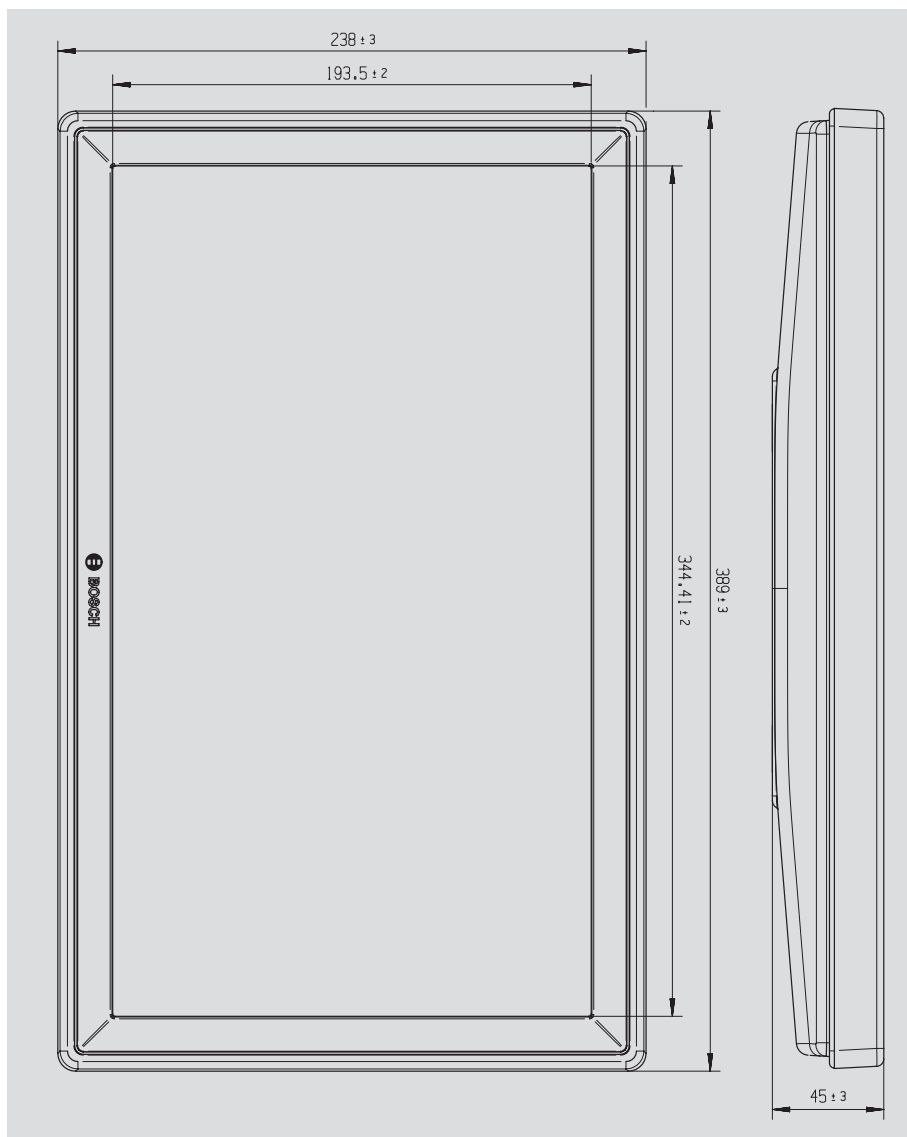
Power supply	24 V (17 V – 32 V)
Fuse (type: mini fuse)	4 A
Current consumption	
In operation (nominal)	470 mA at 24 V
Operating current (max.)	1.3 A at 24 V
Standby current	<100 µA at 24 V
Diagonal display size	15"
Resolution	1920 x 1080 pixels
Contrast ratio	800 : 1
Luminance	Min. 280 cd/m ²
Screen format	16:9
Viewing angle	±80° in all directions
Backlight	LED
Flash memory	2 Gbits
Operating frequency	60 Hz
Network interface	AETH 2 ports speed rate: 100 Mbits/s full duplex
Ambient operating temperature	0°C to +65°C
Storage temperature	-20°C to +75°C
Dimensions (L x W x H)	389 x 238 x 45 mm
Weight	Approx. 2.10kg (+/-10%)
Certification	CE, UN ECE R10, UN ECE R118, FCC, NOM, MTT, UKCA, ISED

Subject to changes!

Device drawings



CONNECTOR TYPE	PIN NO.	PIN NAME	PIN DESCRIPTION	INPUT/OUTPUT
 <p>6 PINS POWER CONNECTOR CONNECT TO BOSCH CABLE P/N: 7 620 280 125</p>	1	AETH2 (+)	AUTOMOTIVE ETHERNET PORT 2 (+)	I/O
	2	AETH2 (-)	AUTOMOTIVE ETHERNET PORT 2 (-)	I/O
	3	AETH1 (+)	AUTOMOTIVE ETHERNET PORT 1 (+)	I/O
	4	VBAT (KL30)	K1.30 (+VBAT)	IN
	5	GND (KL31)	K1.31 (VEHICLE GND)	GND
	6	AETH1 (-)	AUTOMOTIVE ETHERNET PORT 1 (-)	I/O



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